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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

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5-19-2021

## 2021-05-19\_MichiganOverview\_COVIDstats

Michigan Department of Health & Human Services

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CORONAVIRUS / MICHIGAN DATA

Michigan Data

- Hospitals
- Long Term Care Facilities
- Coronavirus Symptoms
- Cumulative Recovered
- Outbreak Reporting
- School-Related Outbreak Reporting
- Wastewater Surveillance
- Testing Turnaround Time
- MIS-C Data and Reporting
- Data and Modeling Updates

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAA/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAA/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County

27-781

782-3141

3142-11119

11120-116793

116794+

Michigan

Wednesday, May 19, 2021

Michigan (Statewide) Case Fatality Rate

2.1%

Current Totals

Case Status	Cases	Deaths
Confirmed	879,685	18,741
Probable	102,715	1,190
Total	982,400	19,931

Laboratory Testing

Test Type	Tests Performed
Diagnostic	13,477,595
Serology	608,479
Total	14,086,074

Microsoft Power BI

< 1 of 7 >

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	5.29%	3.10%
Non-Hispanic Latino	69.66%	83.89%
Unknown	25.05%	13.01%

PUBLIC USE DATASETS 05/19/2021

(Downloadable .xlsx files)

Cases and Deaths by County

*Totals may not add to 100% due to rounding*

#### Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	2.78%	1.70%
Non-Arab	49.70%	53.62%
Unknown	47.52%	44.68%

*Totals may not add to 100% due to rounding*



Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

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[ADA](#)  
[MICHIGAN NEWS](#)  
[POLICIES](#)

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## Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 05/14/2021): **755,119**

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on May 14, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to April 14, 2021. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records



**Have questions?**  
Chat with Robin

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



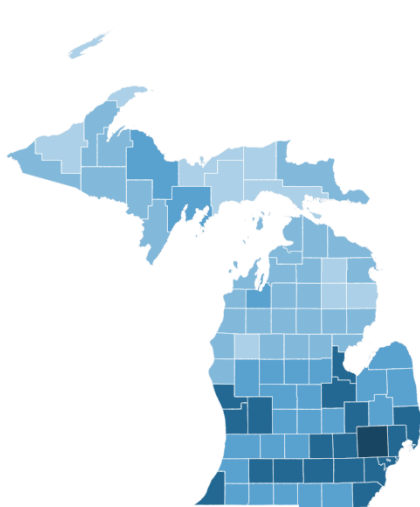
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

### Cases by County



## Michigan

Wednesday, May 19, 2021

### Michigan (Statewide) Case Fatality Rate

2.1%

### Current Totals

Case Status	Cases	Deaths
Confirmed	879,685	18,741
Probable	102,715	1,190
<b>Total</b>	<b>982,400</b>	<b>19,931</b>

### Laboratory Testing

Test Type	Tests Performed
Diagnostic	13,477,595
Serology	608,479
<b>Total</b>	<b>14,086,074</b>

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

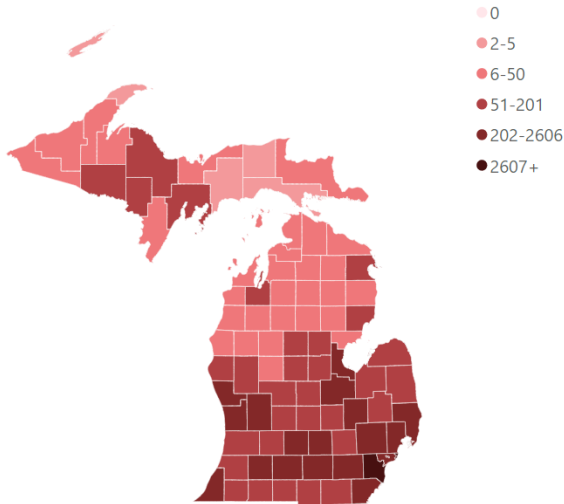
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID-19 indicated on their death certificate where there is no available evidence of a confirmatory test result (positive or negative).

### Deaths by County



## Michigan

Wednesday, May 19, 2021

### Michigan (Statewide) Case Fatality Rate

2.1%

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Case Status	Cases	Deaths
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Diagnostic	13,477,595
Serology	608,479
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Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Cases by Status

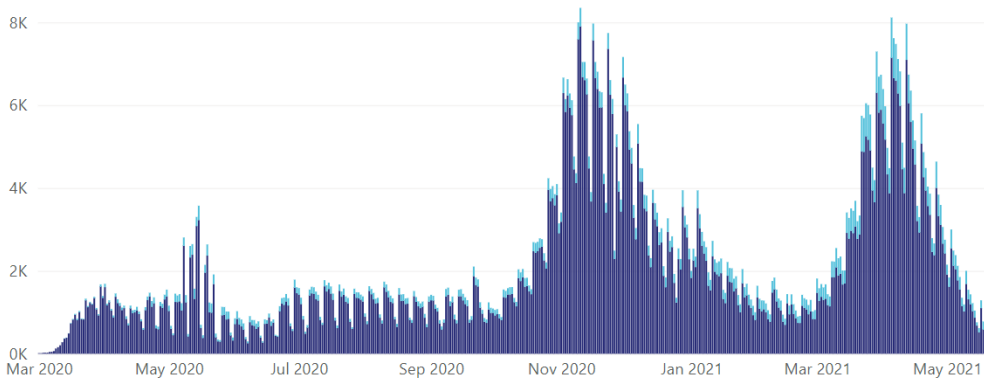
The number of daily confirmed cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms.

Filter by Date:

3/1/2020

5/19/2021

### Cases by Date of Onset

Case Status ● Confirmed ● Probable

Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Deaths by Status

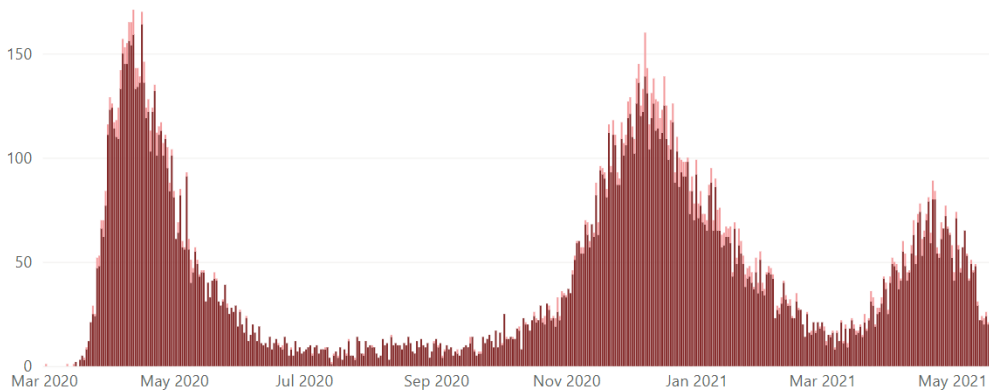
Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

Filter by Date:

3/1/2020

5/19/2021

## Deaths by Date of Death

Case Status ● Confirmed ● Probable

[View Table](#)[View Chart](#)

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of onset and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

5/19/2021

### Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Confirmed Cases ● Deaths

0.8M

0.6M

0.4M

0.2M

0.0M

Mar 2020

May 2020

Jul 2020

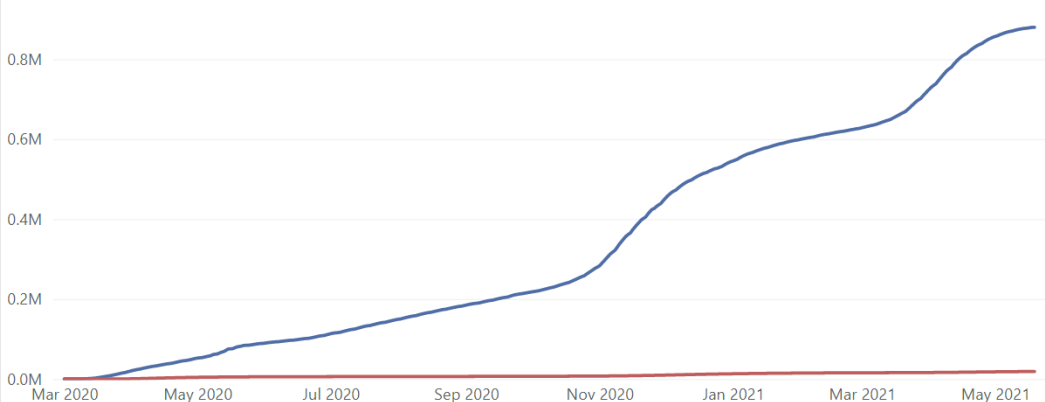
Sep 2020

Nov 2020

Jan 2021

Mar 2021

May 2021





## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

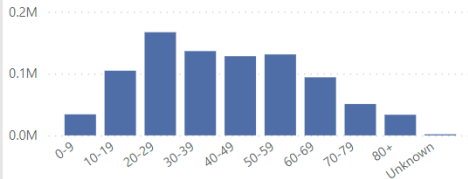
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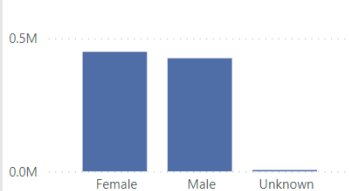
Select county:

All

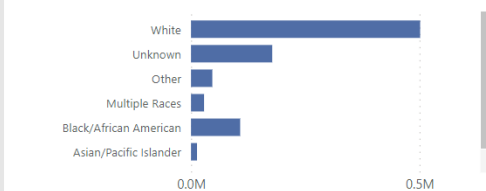
### Cases by Age Group



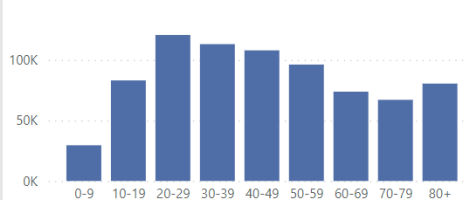
### Cases by Sex



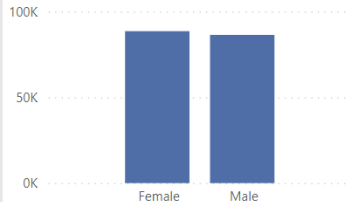
### Cases by Race



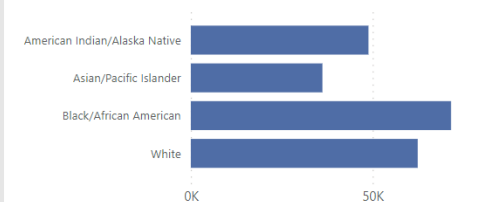
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

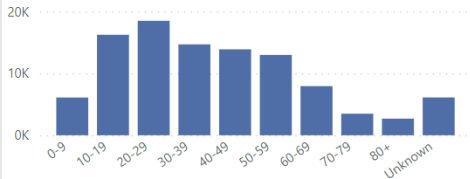
Select Preparedness Region:

All

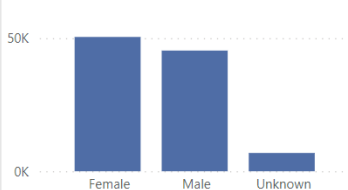
Select county:

All

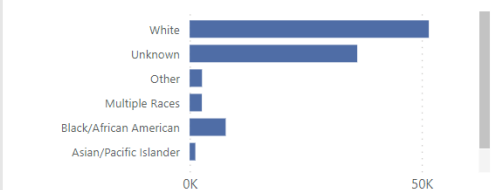
### Cases by Age Group



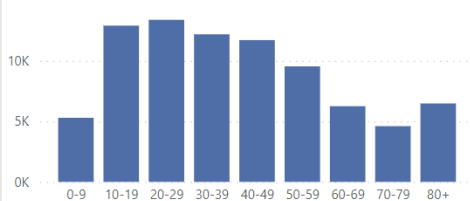
### Cases by Sex



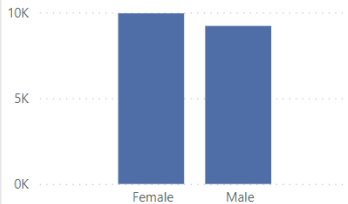
### Cases by Race



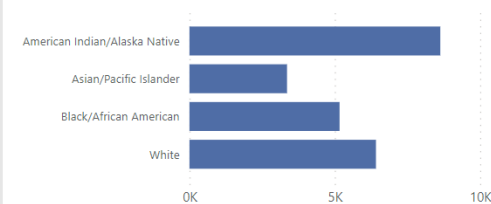
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

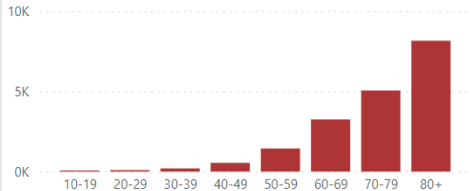
Select Preparedness Region:

All

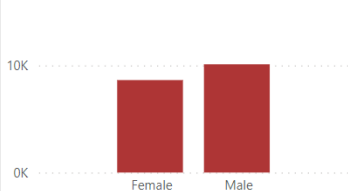
Select county:

All

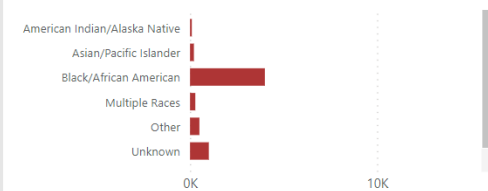
### Deaths by Age Group



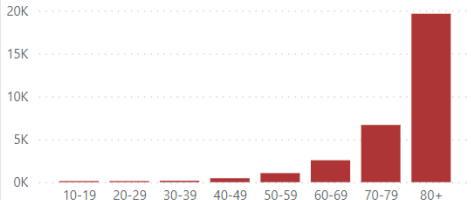
### Deaths by Sex



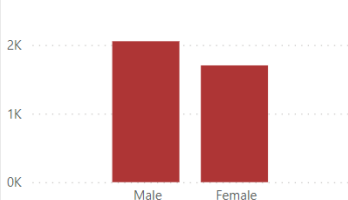
### Deaths by Race



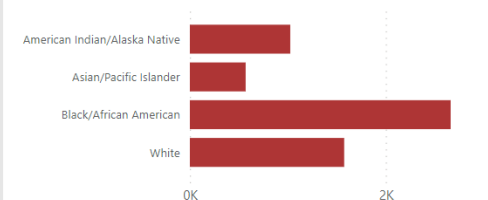
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

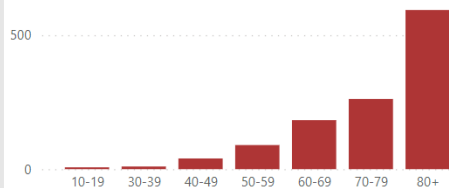
Select Preparedness Region:

All

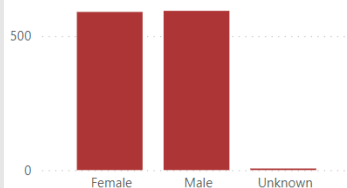
Select county:

All

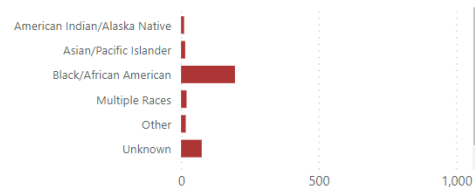
### Deaths by Age Group



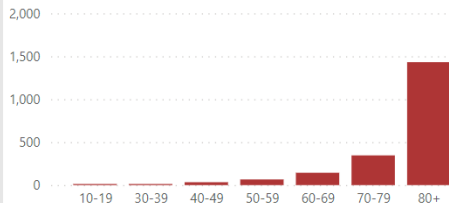
### Deaths by Sex



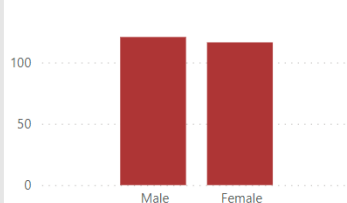
### Deaths by Race



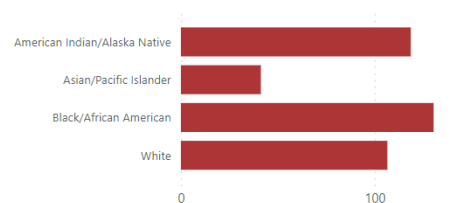
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

## Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.

Filter by Date:

3/10/2020

5/18/2021

### Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

100K

50K

0K

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

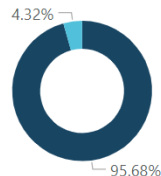
Mar 2021

May 2021

### Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	13,477,595	1,348,956
Serology	608,479	60,902
Total	14,086,074	1,409,858

### Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology

[View Table](#)[View Charts](#)

Select Preparedness Region

All



Select County

All



Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection tests. Diagnostic tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

## Diagnostic Covid-19 Laboratory Tests

Diagnostic tests are used to determine if an individual is currently infected with Covid-19.

Filter by Date

3/10/2020

5/18/2021

### Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

Mar 2021

May 2021

### Percent of Diagnostic Tests That Were Positive

60%

40%

20%

0%

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

Mar 2021

May 2021

### Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

### How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

### How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

### Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

### Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

### Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

# PUBLIC USE DATASETS

## Cases and Deaths by County

### README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.



# **CASES AND DEATHS BY COUNTY 2021-05-19**

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/05/19 13:16:37	Alcona	602	24	131	5
2021/05/19 13:16:37	Alger	321	2	192	4
2021/05/19 13:16:37	Allegan	9802	118	1131	23
2021/05/19 13:16:37	Alpena	1793	60	432	1
2021/05/19 13:16:37	Antrim	1284	22	328	6
2021/05/19 13:16:37	Arenac	1076	29	115	0
2021/05/19 13:16:37	Baraga	660	37	123	0
2021/05/19 13:16:37	Barry	5280	61	570	4
2021/05/19 13:16:37	Bay	10457	329	664	14
2021/05/19 13:16:37	Benzie	1052	33	215	1
2021/05/19 13:16:37	Berrien	13699	259	1531	19
2021/05/19 13:16:37	Branch	4313	92	440	4
2021/05/19 13:16:37	Calhoun	12126	273	2102	18
2021/05/19 13:16:37	Cass	4727	71	663	5
2021/05/19 13:16:37	Charlevoix	1276	20	364	0
2021/05/19 13:16:37	Cheboygan	1580	44	328	1
2021/05/19 13:16:37	Chippewa	1068	28	1387	5
2021/05/19 13:16:37	Clare	2015	79	413	1
2021/05/19 13:16:37	Clinton	5942	79	1565	6
2021/05/19 13:16:37	Crawford	912	14	69	0
2021/05/19 13:16:37	Delta	3326	74	674	19
2021/05/19 13:16:37	Dickinson	2388	59	333	15
2021/05/19 13:16:37	Eaton	8758	194	1246	9
2021/05/19 13:16:37	Emmet	1893	40	461	1
2021/05/19 13:16:37	Genesee	33188	865	8079	64
2021/05/19 13:16:37	Gladwin	1895	53	384	3
2021/05/19 13:16:37	Gogebic	1033	22	363	28
2021/05/19 13:16:37	Grand Traverse	5570	83	808	13
2021/05/19 13:16:37	Gratiot	3178	112	833	4
2021/05/19 13:16:37	Hillsdale	3949	88	391	3
2021/05/19 13:16:37	Houghton	2502	32	606	8
2021/05/19 13:16:37	Huron	3028	70	1025	5
2021/05/19 13:16:37	Ingham	22424	365	2111	8
2021/05/19 13:16:37	Ionia	6070	76	90	3
2021/05/19 13:16:37	Iosco	1764	67	199	4
2021/05/19 13:16:37	Iron	978	42	68	9
2021/05/19 13:16:37	Isabella	5313	89	917	4
2021/05/19 13:16:37	Jackson	14509	265	1060	7
2021/05/19 13:16:37	Kalamazoo	19903	350	2841	40
2021/05/19 13:16:37	Kalkaska	1030	23	76	0
2021/05/19 13:16:37	Kent	67213	759	4548	63
2021/05/19 13:16:37	Keweenaw	143	1	32	1
2021/05/19 13:16:37	Lake	573	14	46	1
2021/05/19 13:16:37	Lapeer	7743	191	1365	2
2021/05/19 13:16:37	Leelanau	1017	18	216	0
2021/05/19 13:16:37	Lenawee	8554	155	694	5
2021/05/19 13:16:37	Livingston	14562	168	1929	13

2021/05/19 13:16:37	Luce	206	2	237	1
2021/05/19 13:16:37	Mackinac	442	3	246	0
2021/05/19 13:16:37	Macomb	90721	2253	8009	122
2021/05/19 13:16:37	Manistee	1093	19	86	3
2021/05/19 13:16:37	Marquette	4231	60	811	1
2021/05/19 13:16:37	Mason	1981	36	125	0
2021/05/19 13:16:37	Mecosta	2966	31	176	0
2021/05/19 13:16:37	Menominee	1780	40	323	2
2021/05/19 13:16:37	Midland	6715	83	708	3
2021/05/19 13:16:37	Missaukee	1243	16	241	8
2021/05/19 13:16:37	Monroe	12658	235	2511	20
2021/05/19 13:16:37	Montcalm	5315	105	571	2
2021/05/19 13:16:37	Montmorency	506	19	90	1
2021/05/19 13:16:37	Muskegon	15245	340	533	8
2021/05/19 13:16:37	Newaygo	4434	62	329	2
2021/05/19 13:16:37	Oakland	100667	2186	16127	132
2021/05/19 13:16:37	Oceana	2587	57	132	2
2021/05/19 13:16:37	Ogemaw	1429	39	269	1
2021/05/19 13:16:37	Ontonagon	409	20	57	1
2021/05/19 13:16:37	Osceola	1659	28	261	0
2021/05/19 13:16:37	Oscoda	545	27	103	2
2021/05/19 13:16:37	Otsego	1907	35	406	5
2021/05/19 13:16:37	Ottawa	29947	367	2402	45
2021/05/19 13:16:37	Presque Isle	882	31	158	1
2021/05/19 13:16:37	Roscommon	1600	46	272	2
2021/05/19 13:16:37	Saginaw	19618	570	1327	18
2021/05/19 13:16:37	Sanilac	3697	105	516	7
2021/05/19 13:16:37	Schoolcraft	335	4	78	1
2021/05/19 13:16:37	Shiawassee	5637	101	674	2
2021/05/19 13:16:37	St Clair	15200	407	2951	21
2021/05/19 13:16:37	St Joseph	5388	91	732	6
2021/05/19 13:16:37	Tuscola	4839	160	770	11
2021/05/19 13:16:37	Van Buren	6539	111	454	13
2021/05/19 13:16:37	Washtenaw	23841	282	2372	6
2021/05/19 13:16:37	Wayne	100159	2460	8259	147
2021/05/19 13:16:37	Wexford	2520	42	343	3
2021/05/19 13:16:37	MDOC	25988	147	845	3
2021/05/19 13:16:37	FCI	310	5	5	0
2021/05/19 13:16:37	Out-of-State	1782	14	128	2
2021/05/19 13:16:37	Unknown	9	0	18	0
2021/05/19 13:16:37	Detroit City	50166	2153	3902	137

# PUBLIC USE DATASETS

## Cases by Demographics Statewide

### README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

# **CASES BY DEMOGRAPHICS STATEWIDE 2021-05-19**

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	140	0
Confirmed	10-19	American Indian/Alaska Native	Female	329	0
Confirmed	20-29	American Indian/Alaska Native	Female	492	0
Confirmed	30-39	American Indian/Alaska Native	Female	376	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	348	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Female	330	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Female	210	10
Confirmed	70-79	American Indian/Alaska Native	Female	102	10
Confirmed	80+	American Indian/Alaska Native	Female	43	10
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	260	0
Confirmed	10-19	Asian/Pacific Islander	Female	801	0
Confirmed	20-29	Asian/Pacific Islander	Female	1444	0
Confirmed	30-39	Asian/Pacific Islander	Female	1250	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Female	1085	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	881	7
Confirmed	60-69	Asian/Pacific Islander	Female	466	10
Confirmed	70-79	Asian/Pacific Islander	Female	237	27
Confirmed	80+	Asian/Pacific Islander	Female	142	36
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	2431	Suppressed
Confirmed	10-19	Black/African American	Female	5394	Suppressed
Confirmed	20-29	Black/African American	Female	11286	18
Confirmed	30-39	Black/African American	Female	9993	27
Confirmed	40-49	Black/African American	Female	8113	82
Confirmed	50-59	Black/African American	Female	6897	190
Confirmed	60-69	Black/African American	Female	5447	399
Confirmed	70-79	Black/African American	Female	3033	511
Confirmed	80+	Black/African American	Female	1954	646
Confirmed	Unknown	Black/African American	Female	19	0
Confirmed	0-9	Multiple Races	Female	754	0
Confirmed	10-19	Multiple Races	Female	2227	Suppressed
Confirmed	20-29	Multiple Races	Female	2925	0
Confirmed	30-39	Multiple Races	Female	2117	0
Confirmed	40-49	Multiple Races	Female	2130	Suppressed
Confirmed	50-59	Multiple Races	Female	2161	11
Confirmed	60-69	Multiple Races	Female	1558	17
Confirmed	70-79	Multiple Races	Female	846	33
Confirmed	80+	Multiple Races	Female	536	65
Confirmed	Unknown	Multiple Races	Female	12	0
Confirmed	0-9	Other	Female	1286	Suppressed
Confirmed	10-19	Other	Female	3161	Suppressed
Confirmed	20-29	Other	Female	4994	0
Confirmed	30-39	Other	Female	3867	Suppressed
Confirmed	40-49	Other	Female	3573	7
Confirmed	50-59	Other	Female	2788	19
Confirmed	60-69	Other	Female	1700	45

Confirmed	70-79	Other	Female	816	46
Confirmed	80+	Other	Female	553	87
Confirmed	Unknown	Other	Female	10	0
Confirmed	0-9	Unknown	Female	2657	0
Confirmed	10-19	Unknown	Female	9724	0
Confirmed	20-29	Unknown	Female	17664	Suppressed
Confirmed	30-39	Unknown	Female	14371	Suppressed
Confirmed	40-49	Unknown	Female	14375	17
Confirmed	50-59	Unknown	Female	14660	26
Confirmed	60-69	Unknown	Female	8530	72
Confirmed	70-79	Unknown	Female	3760	107
Confirmed	80+	Unknown	Female	2621	261
Confirmed	Unknown	Unknown	Female	118	0
Confirmed	0-9	White	Female	8823	0
Confirmed	10-19	White	Female	31860	Suppressed
Confirmed	20-29	White	Female	47613	20
Confirmed	30-39	White	Female	37430	36
Confirmed	40-49	White	Female	35743	88
Confirmed	50-59	White	Female	37545	286
Confirmed	60-69	White	Female	28667	705
Confirmed	70-79	White	Female	17184	1340
Confirmed	80+	White	Female	14354	3324
Confirmed	Unknown	White	Female	110	0
Confirmed	0-9	American Indian/Alaska Native	Male	133	0
Confirmed	10-19	American Indian/Alaska Native	Male	340	0
Confirmed	20-29	American Indian/Alaska Native	Male	399	0
Confirmed	30-39	American Indian/Alaska Native	Male	341	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	329	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Male	263	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	210	28
Confirmed	70-79	American Indian/Alaska Native	Male	93	14
Confirmed	80+	American Indian/Alaska Native	Male	36	9
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	326	0
Confirmed	10-19	Asian/Pacific Islander	Male	812	0
Confirmed	20-29	Asian/Pacific Islander	Male	1649	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	1223	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	930	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	828	6
Confirmed	60-69	Asian/Pacific Islander	Male	482	31
Confirmed	70-79	Asian/Pacific Islander	Male	211	44
Confirmed	80+	Asian/Pacific Islander	Male	104	34
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	2484	0
Confirmed	10-19	Black/African American	Male	4798	Suppressed
Confirmed	20-29	Black/African American	Male	10245	19
Confirmed	30-39	Black/African American	Male	9774	47
Confirmed	40-49	Black/African American	Male	8360	125
Confirmed	50-59	Black/African American	Male	7573	300
Confirmed	60-69	Black/African American	Male	5413	539

Confirmed	70-79	Black/African American	Male	2719	643
Confirmed	80+	Black/African American	Male	1116	448
Confirmed	Unknown	Black/African American	Male	7	0
Confirmed	0-9	Multiple Races	Male	791	Suppressed
Confirmed	10-19	Multiple Races	Male	2187	0
Confirmed	20-29	Multiple Races	Male	2485	0
Confirmed	30-39	Multiple Races	Male	1749	Suppressed
Confirmed	40-49	Multiple Races	Male	1706	6
Confirmed	50-59	Multiple Races	Male	1716	9
Confirmed	60-69	Multiple Races	Male	1463	40
Confirmed	70-79	Multiple Races	Male	782	41
Confirmed	80+	Multiple Races	Male	329	52
Confirmed	Unknown	Multiple Races	Male	7	0
Confirmed	0-9	Other	Male	1340	0
Confirmed	10-19	Other	Male	3214	0
Confirmed	20-29	Other	Male	5138	Suppressed
Confirmed	30-39	Other	Male	4040	Suppressed
Confirmed	40-49	Other	Male	3827	24
Confirmed	50-59	Other	Male	3167	35
Confirmed	60-69	Other	Male	1817	82
Confirmed	70-79	Other	Male	769	75
Confirmed	80+	Other	Male	329	70
Confirmed	Unknown	Other	Male	7	0
Confirmed	0-9	Unknown	Male	2807	0
Confirmed	10-19	Unknown	Male	9175	0
Confirmed	20-29	Unknown	Male	18123	Suppressed
Confirmed	30-39	Unknown	Male	14916	13
Confirmed	40-49	Unknown	Male	13747	30
Confirmed	50-59	Unknown	Male	14563	51
Confirmed	60-69	Unknown	Male	8346	97
Confirmed	70-79	Unknown	Male	3150	149
Confirmed	80+	Unknown	Male	1462	171
Confirmed	Unknown	Unknown	Male	140	0
Confirmed	0-9	White	Male	9627	0
Confirmed	10-19	White	Male	30036	Suppressed
Confirmed	20-29	White	Male	41317	27
Confirmed	30-39	White	Male	34072	53
Confirmed	40-49	White	Male	32978	155
Confirmed	50-59	White	Male	36859	490
Confirmed	60-69	White	Male	29173	1175
Confirmed	70-79	White	Male	16911	2011
Confirmed	80+	White	Male	9713	2937
Confirmed	Unknown	White	Male	86	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	7	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	8	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	21	0
Confirmed	20-29	Black/African American	Unknown	123	0
Confirmed	30-39	Black/African American	Unknown	110	0
Confirmed	40-49	Black/African American	Unknown	117	0
Confirmed	50-59	Black/African American	Unknown	93	0
Confirmed	60-69	Black/African American	Unknown	40	0
Confirmed	70-79	Black/African American	Unknown	11	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	6	0
Confirmed	10-19	Multiple Races	Unknown	15	0
Confirmed	20-29	Multiple Races	Unknown	23	0
Confirmed	30-39	Multiple Races	Unknown	15	0
Confirmed	40-49	Multiple Races	Unknown	18	0
Confirmed	50-59	Multiple Races	Unknown	12	0
Confirmed	60-69	Multiple Races	Unknown	15	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	19	0
Confirmed	10-19	Other	Unknown	22	0
Confirmed	20-29	Other	Unknown	50	0
Confirmed	30-39	Other	Unknown	41	0
Confirmed	40-49	Other	Unknown	63	0
Confirmed	50-59	Other	Unknown	34	0
Confirmed	60-69	Other	Unknown	18	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	10	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	124	0
Confirmed	10-19	Unknown	Unknown	355	0
Confirmed	20-29	Unknown	Unknown	638	0
Confirmed	30-39	Unknown	Unknown	442	0
Confirmed	40-49	Unknown	Unknown	442	0
Confirmed	50-59	Unknown	Unknown	407	0
Confirmed	60-69	Unknown	Unknown	212	0

Confirmed	70-79	Unknown	Unknown	93	0
Confirmed	80+	Unknown	Unknown	63	0
Confirmed	Unknown	Unknown	Unknown	64	0
Confirmed	0-9	White	Unknown	29	0
Confirmed	10-19	White	Unknown	161	0
Confirmed	20-29	White	Unknown	257	0
Confirmed	30-39	White	Unknown	228	0
Confirmed	40-49	White	Unknown	211	0
Confirmed	50-59	White	Unknown	200	0
Confirmed	60-69	White	Unknown	134	0
Confirmed	70-79	White	Unknown	61	0
Confirmed	80+	White	Unknown	22	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	39	0
Probable	10-19	American Indian/Alaska Native	Female	74	0
Probable	20-29	American Indian/Alaska Native	Female	81	0
Probable	30-39	American Indian/Alaska Native	Female	67	0
Probable	40-49	American Indian/Alaska Native	Female	64	0
Probable	50-59	American Indian/Alaska Native	Female	36	0
Probable	60-69	American Indian/Alaska Native	Female	31	0
Probable	70-79	American Indian/Alaska Native	Female	9	0
Probable	80+	American Indian/Alaska Native	Female	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	37	0
Probable	10-19	Asian/Pacific Islander	Female	88	0
Probable	20-29	Asian/Pacific Islander	Female	146	0
Probable	30-39	Asian/Pacific Islander	Female	112	0
Probable	40-49	Asian/Pacific Islander	Female	85	0
Probable	50-59	Asian/Pacific Islander	Female	78	0
Probable	60-69	Asian/Pacific Islander	Female	39	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	15	Suppressed
Probable	80+	Asian/Pacific Islander	Female	Suppressed	0
Probable	Unknown	Asian/Pacific Islander	Female	6	0
Probable	0-9	Black/African American	Female	215	0
Probable	10-19	Black/African American	Female	520	0
Probable	20-29	Black/African American	Female	951	0
Probable	30-39	Black/African American	Female	792	0
Probable	40-49	Black/African American	Female	647	Suppressed
Probable	50-59	Black/African American	Female	505	12
Probable	60-69	Black/African American	Female	326	20
Probable	70-79	Black/African American	Female	121	17
Probable	80+	Black/African American	Female	79	34
Probable	Unknown	Black/African American	Female	32	Suppressed
Probable	0-9	Multiple Races	Female	133	0
Probable	10-19	Multiple Races	Female	285	0
Probable	20-29	Multiple Races	Female	242	0
Probable	30-39	Multiple Races	Female	155	0
Probable	40-49	Multiple Races	Female	155	0
Probable	50-59	Multiple Races	Female	153	Suppressed
Probable	60-69	Multiple Races	Female	101	Suppressed



Probable	70-79	Multiple Races	Female	42	0
Probable	80+	Multiple Races	Female	30	7
Probable	Unknown	Multiple Races	Female	52	0
Probable	0-9	Other	Female	88	0
Probable	10-19	Other	Female	216	Suppressed
Probable	20-29	Other	Female	292	0
Probable	30-39	Other	Female	220	0
Probable	40-49	Other	Female	186	0
Probable	50-59	Other	Female	139	Suppressed
Probable	60-69	Other	Female	74	Suppressed
Probable	70-79	Other	Female	29	0
Probable	80+	Other	Female	13	Suppressed
Probable	Unknown	Other	Female	18	0
Probable	0-9	Unknown	Female	729	0
Probable	10-19	Unknown	Female	2141	0
Probable	20-29	Unknown	Female	2844	0
Probable	30-39	Unknown	Female	2151	0
Probable	40-49	Unknown	Female	2148	0
Probable	50-59	Unknown	Female	1972	Suppressed
Probable	60-69	Unknown	Female	1264	6
Probable	70-79	Unknown	Female	468	Suppressed
Probable	80+	Unknown	Female	291	24
Probable	Unknown	Unknown	Female	1580	0
Probable	0-9	White	Female	1580	0
Probable	10-19	White	Female	4461	Suppressed
Probable	20-29	White	Female	4788	0
Probable	30-39	White	Female	3875	Suppressed
Probable	40-49	White	Female	3765	8
Probable	50-59	White	Female	3556	22
Probable	60-69	White	Female	2237	39
Probable	70-79	White	Female	1133	80
Probable	80+	White	Female	1279	290
Probable	Unknown	White	Female	389	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	38	0
Probable	10-19	American Indian/Alaska Native	Male	97	0
Probable	20-29	American Indian/Alaska Native	Male	71	0
Probable	30-39	American Indian/Alaska Native	Male	57	0
Probable	40-49	American Indian/Alaska Native	Male	45	0
Probable	50-59	American Indian/Alaska Native	Male	43	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	23	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	7	Suppressed
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	50	0
Probable	10-19	Asian/Pacific Islander	Male	90	0
Probable	20-29	Asian/Pacific Islander	Male	152	0
Probable	30-39	Asian/Pacific Islander	Male	124	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	78	0
Probable	50-59	Asian/Pacific Islander	Male	58	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	26	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	8	Suppressed
Probable	80+	Asian/Pacific Islander	Male	7	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	248	0
Probable	10-19	Black/African American	Male	503	Suppressed
Probable	20-29	Black/African American	Male	733	0
Probable	30-39	Black/African American	Male	648	Suppressed
Probable	40-49	Black/African American	Male	508	9
Probable	50-59	Black/African American	Male	456	14
Probable	60-69	Black/African American	Male	262	27
Probable	70-79	Black/African American	Male	100	33
Probable	80+	Black/African American	Male	42	22
Probable	Unknown	Black/African American	Male	22	0
Probable	0-9	Multiple Races	Male	126	0
Probable	10-19	Multiple Races	Male	277	0
Probable	20-29	Multiple Races	Male	179	0
Probable	30-39	Multiple Races	Male	138	0
Probable	40-49	Multiple Races	Male	143	Suppressed
Probable	50-59	Multiple Races	Male	115	0
Probable	60-69	Multiple Races	Male	85	Suppressed
Probable	70-79	Multiple Races	Male	39	Suppressed
Probable	80+	Multiple Races	Male	18	7
Probable	Unknown	Multiple Races	Male	53	0
Probable	0-9	Other	Male	101	0
Probable	10-19	Other	Male	242	0
Probable	20-29	Other	Male	287	0
Probable	30-39	Other	Male	236	0
Probable	40-49	Other	Male	205	Suppressed
Probable	50-59	Other	Male	129	Suppressed
Probable	60-69	Other	Male	84	Suppressed
Probable	70-79	Other	Male	29	Suppressed
Probable	80+	Other	Male	8	Suppressed
Probable	Unknown	Other	Male	17	0
Probable	0-9	Unknown	Male	716	0
Probable	10-19	Unknown	Male	2112	0
Probable	20-29	Unknown	Male	2711	0
Probable	30-39	Unknown	Male	2117	Suppressed
Probable	40-49	Unknown	Male	1928	Suppressed
Probable	50-59	Unknown	Male	1900	Suppressed
Probable	60-69	Unknown	Male	1047	Suppressed
Probable	70-79	Unknown	Male	366	8
Probable	80+	Unknown	Male	175	16
Probable	Unknown	Unknown	Male	1354	0
Probable	0-9	White	Male	1702	Suppressed
Probable	10-19	White	Male	4412	Suppressed
Probable	20-29	White	Male	4124	Suppressed
Probable	30-39	White	Male	3275	Suppressed
Probable	40-49	White	Male	3163	11
Probable	50-59	White	Male	3225	31
Probable	60-69	White	Male	2025	70

Probable	70-79	White	Male	976	109
Probable	80+	White	Male	679	182
Probable	Unknown	White	Male	339	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	7	0
Probable	10-19	Black/African American	Unknown	8	0
Probable	20-29	Black/African American	Unknown	9	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	7	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	9	0
Probable	10-19	Multiple Races	Unknown	22	0
Probable	20-29	Multiple Races	Unknown	20	0
Probable	30-39	Multiple Races	Unknown	17	0
Probable	40-49	Multiple Races	Unknown	14	0
Probable	50-59	Multiple Races	Unknown	10	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	11	0
Probable	0-9	Other	Unknown	7	0
Probable	10-19	Other	Unknown	14	0
Probable	20-29	Other	Unknown	Suppressed	0
Probable	30-39	Other	Unknown	9	0
Probable	40-49	Other	Unknown	6	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-9	Unknown	Unknown	233	0
Probable	10-19	Unknown	Unknown	577	Suppressed
Probable	20-29	Unknown	Unknown	808	0
Probable	30-39	Unknown	Unknown	637	0
Probable	40-49	Unknown	Unknown	679	Suppressed
Probable	50-59	Unknown	Unknown	535	Suppressed
Probable	60-69	Unknown	Unknown	292	0
Probable	70-79	Unknown	Unknown	115	Suppressed
Probable	80+	Unknown	Unknown	43	Suppressed
Probable	Unknown	Unknown	Unknown	2180	0
Probable	0-9	White	Unknown	46	0
Probable	10-19	White	Unknown	117	0
Probable	20-29	White	Unknown	70	0
Probable	30-39	White	Unknown	65	0
Probable	40-49	White	Unknown	72	0
Probable	50-59	White	Unknown	70	0
Probable	60-69	White	Unknown	31	Suppressed
Probable	70-79	White	Unknown	27	0
Probable	80+	White	Unknown	9	0
Probable	Unknown	White	Unknown	48	0

# PUBLIC USE DATASETS

## COVID-19 Tests by County

### README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

# COVID-19 TESTS BY COUNTY 2021-05-19

Updated	COUNTY	TestType	Count	RatePerMillion
2021/05/19 13:16:54	Alcona	Serology	179	17203
2021/05/19 13:16:54	Alcona	Diagnostic	7419	713023
2021/05/19 13:16:54	Alcona	Total	7598	730226
2021/05/19 13:16:54	Alger	Diagnostic	8637	948287
2021/05/19 13:16:54	Alger	Serology	384	42161
2021/05/19 13:16:54	Alger	Total	9021	990448
2021/05/19 13:16:54	Allegan	Serology	3029	25652
2021/05/19 13:16:54	Allegan	Diagnostic	119256	1009951
2021/05/19 13:16:54	Allegan	Total	122285	1035603
2021/05/19 13:16:54	Alpena	Serology	764	26897
2021/05/19 13:16:54	Alpena	Diagnostic	21730	765006
2021/05/19 13:16:54	Alpena	Total	22494	791903
2021/05/19 13:16:54	Antrim	Diagnostic	22304	956268
2021/05/19 13:16:54	Antrim	Serology	820	35157
2021/05/19 13:16:54	Antrim	Total	23124	991425
2021/05/19 13:16:54	Arenac	Diagnostic	16697	1121884
2021/05/19 13:16:54	Arenac	Serology	496	33327
2021/05/19 13:16:54	Arenac	Total	17193	1155211
2021/05/19 13:16:54	Baraga	Serology	60	7309
2021/05/19 13:16:54	Baraga	Diagnostic	8648	1053478
2021/05/19 13:16:54	Baraga	Total	8708	1060787
2021/05/19 13:16:54	Barry	Diagnostic	60070	975955
2021/05/19 13:16:54	Barry	Serology	1958	31812
2021/05/19 13:16:54	Barry	Total	62028	1007766
2021/05/19 13:16:54	Bay	Diagnostic	127810	1239358
2021/05/19 13:16:54	Bay	Serology	7269	70487
2021/05/19 13:16:54	Bay	Total	135079	1309844
2021/05/19 13:16:54	Benzie	Diagnostic	12819	721547
2021/05/19 13:16:54	Benzie	Serology	771	43398
2021/05/19 13:16:54	Benzie	Total	13590	764944
2021/05/19 13:16:54	Berrien	Serology	6114	39856
2021/05/19 13:16:54	Berrien	Diagnostic	238460	1554488
2021/05/19 13:16:54	Berrien	Total	244574	1594344
2021/05/19 13:16:54	Branch	Diagnostic	42523	977158
2021/05/19 13:16:54	Branch	Serology	599	13765
2021/05/19 13:16:54	Branch	Total	43122	990923
2021/05/19 13:16:54	Calhoun	Diagnostic	200528	1494704
2021/05/19 13:16:54	Calhoun	Serology	1834	13670
2021/05/19 13:16:54	Calhoun	Total	202362	1508374
2021/05/19 13:16:54	Cass	Diagnostic	40232	776875
2021/05/19 13:16:54	Cass	Serology	775	14965
2021/05/19 13:16:54	Cass	Total	41007	791840
2021/05/19 13:16:54	Charlevoix	Serology	1125	43033
2021/05/19 13:16:54	Charlevoix	Diagnostic	23166	886126
2021/05/19 13:16:54	Charlevoix	Total	24291	929159
2021/05/19 13:16:54	Cheboygan	Serology	626	24767
2021/05/19 13:16:54	Cheboygan	Diagnostic	16718	661418

2021/05/19 13:16:54	Cheboygan	Total	17344	686185
2021/05/19 13:16:54	Chippewa	Diagnostic	27458	735174
2021/05/19 13:16:54	Chippewa	Serology	345	9237
2021/05/19 13:16:54	Chippewa	Total	27803	744411
2021/05/19 13:16:54	Clare	Serology	1053	34023
2021/05/19 13:16:54	Clare	Diagnostic	23691	765460
2021/05/19 13:16:54	Clare	Total	24744	799483
2021/05/19 13:16:54	Clinton	Serology	4235	53207
2021/05/19 13:16:54	Clinton	Diagnostic	59326	745348
2021/05/19 13:16:54	Clinton	Total	63561	798555
2021/05/19 13:16:54	Correctional	Diagnostic	924280	
2021/05/19 13:16:54	Correctional	Serology	26739	
2021/05/19 13:16:54	Correctional	Total	951019	
2021/05/19 13:16:54	Crawford	Diagnostic	10796	769549
2021/05/19 13:16:54	Crawford	Serology	365	26018
2021/05/19 13:16:54	Crawford	Total	11161	795566
2021/05/19 13:16:54	Delta	Serology	876	24480
2021/05/19 13:16:54	Delta	Diagnostic	41892	1170691
2021/05/19 13:16:54	Delta	Total	42768	1195171
2021/05/19 13:16:54	Detroit City	Diagnostic	816253	1256153
2021/05/19 13:16:54	Detroit City	Serology	27777	42747
2021/05/19 13:16:54	Detroit City	Total	844030	1298899
2021/05/19 13:16:54	Dickinson	Diagnostic	19473	771544
2021/05/19 13:16:54	Dickinson	Serology	179	7092
2021/05/19 13:16:54	Dickinson	Total	19652	778636
2021/05/19 13:16:54	Eaton	Diagnostic	128826	1168299
2021/05/19 13:16:54	Eaton	Serology	6334	57442
2021/05/19 13:16:54	Eaton	Total	135160	1225741
2021/05/19 13:16:54	Emmet	Diagnostic	30658	917492
2021/05/19 13:16:54	Emmet	Serology	1567	46895
2021/05/19 13:16:54	Emmet	Total	32225	964387
2021/05/19 13:16:54	Genesee	Serology	20517	50558
2021/05/19 13:16:54	Genesee	Diagnostic	401539	989468
2021/05/19 13:16:54	Genesee	Total	422056	1040026
2021/05/19 13:16:54	Gladwin	Serology	1207	47428
2021/05/19 13:16:54	Gladwin	Diagnostic	20551	807537
2021/05/19 13:16:54	Gladwin	Total	21758	854965
2021/05/19 13:16:54	Gogebic	Serology	258	18462
2021/05/19 13:16:54	Gogebic	Diagnostic	18483	1322576
2021/05/19 13:16:54	Gogebic	Total	18741	1341038
2021/05/19 13:16:54	Grand Traverse	Serology	6828	73350
2021/05/19 13:16:54	Grand Traverse	Diagnostic	88371	949328
2021/05/19 13:16:54	Grand Traverse	Total	95199	1022677
2021/05/19 13:16:54	Gratiot	Serology	1156	28395
2021/05/19 13:16:54	Gratiot	Diagnostic	57806	1419911
2021/05/19 13:16:54	Gratiot	Total	58962	1448306
2021/05/19 13:16:54	Hillsdale	Diagnostic	45846	1005285
2021/05/19 13:16:54	Hillsdale	Serology	1058	23199
2021/05/19 13:16:54	Hillsdale	Total	46904	1028484
2021/05/19 13:16:54	Houghton	Diagnostic	47651	1335360

2021/05/19 13:16:54	Houghton	Serology	265	7426
2021/05/19 13:16:54	Houghton	Total	47916	1342787
2021/05/19 13:16:54	Huron	Diagnostic	30068	970530
2021/05/19 13:16:54	Huron	Serology	847	27339
2021/05/19 13:16:54	Huron	Total	30915	997870
2021/05/19 13:16:54	Ingham	Diagnostic	347226	1187479
2021/05/19 13:16:54	Ingham	Serology	20275	69339
2021/05/19 13:16:54	Ingham	Total	367501	1256818
2021/05/19 13:16:54	Ionia	Serology	2353	36370
2021/05/19 13:16:54	Ionia	Diagnostic	79216	1224415
2021/05/19 13:16:54	Ionia	Total	81569	1260785
2021/05/19 13:16:54	Iosco	Diagnostic	26710	1063000
2021/05/19 13:16:54	Iosco	Serology	635	25272
2021/05/19 13:16:54	Iosco	Total	27345	1088272
2021/05/19 13:16:54	Iron	Serology	131	11838
2021/05/19 13:16:54	Iron	Diagnostic	25022	2261160
2021/05/19 13:16:54	Iron	Total	25153	2272998
2021/05/19 13:16:54	Isabella	Diagnostic	59987	858527
2021/05/19 13:16:54	Isabella	Serology	1478	21153
2021/05/19 13:16:54	Isabella	Total	61465	879680
2021/05/19 13:16:54	Jackson	Diagnostic	226772	1430648
2021/05/19 13:16:54	Jackson	Serology	3928	24781
2021/05/19 13:16:54	Jackson	Total	230700	1455429
2021/05/19 13:16:54	Kalamazoo	Diagnostic	308872	1165265
2021/05/19 13:16:54	Kalamazoo	Serology	7172	27057
2021/05/19 13:16:54	Kalamazoo	Total	316044	1192322
2021/05/19 13:16:54	Kalkaska	Serology	827	45848
2021/05/19 13:16:54	Kalkaska	Diagnostic	17327	960583
2021/05/19 13:16:54	Kalkaska	Total	18154	1006431
2021/05/19 13:16:54	Kent	Diagnostic	919696	1399938
2021/05/19 13:16:54	Kent	Serology	47072	71652
2021/05/19 13:16:54	Kent	Total	966768	1471589
2021/05/19 13:16:54	Keweenaw	Diagnostic	2269	1072306
2021/05/19 13:16:54	Keweenaw	Serology	32	15123
2021/05/19 13:16:54	Keweenaw	Total	2301	1087429
2021/05/19 13:16:54	Lake	Diagnostic	11465	967266
2021/05/19 13:16:54	Lake	Serology	222	18729
2021/05/19 13:16:54	Lake	Total	11687	985995
2021/05/19 13:16:54	Lapeer	Diagnostic	70023	799285
2021/05/19 13:16:54	Lapeer	Serology	3650	41663
2021/05/19 13:16:54	Lapeer	Total	73673	840949
2021/05/19 13:16:54	Leelanau	Diagnostic	12655	581545
2021/05/19 13:16:54	Leelanau	Serology	1105	50779
2021/05/19 13:16:54	Leelanau	Total	13760	632324
2021/05/19 13:16:54	Lenawee	Diagnostic	129895	1319387
2021/05/19 13:16:54	Lenawee	Serology	2271	23067
2021/05/19 13:16:54	Lenawee	Total	132166	1342455
2021/05/19 13:16:54	Livingston	Diagnostic	210077	1094180
2021/05/19 13:16:54	Livingston	Serology	8277	43110
2021/05/19 13:16:54	Livingston	Total	218354	1137290



2021/05/19 13:16:54	Luce	Diagnostic	6449	1035319
2021/05/19 13:16:54	Luce	Serology	37	5940
2021/05/19 13:16:54	Luce	Total	6486	1041259
2021/05/19 13:16:54	Mackinac	Diagnostic	9215	853320
2021/05/19 13:16:54	Mackinac	Serology	143	13242
2021/05/19 13:16:54	Mackinac	Total	9358	866562
2021/05/19 13:16:54	Macomb	Diagnostic	927515	1061264
2021/05/19 13:16:54	Macomb	Serology	63408	72552
2021/05/19 13:16:54	Macomb	Total	990923	1133815
2021/05/19 13:16:54	Manistee	Serology	964	39254
2021/05/19 13:16:54	Manistee	Diagnostic	19669	800920
2021/05/19 13:16:54	Manistee	Total	20633	840174
2021/05/19 13:16:54	Marquette	Diagnostic	131588	1972863
2021/05/19 13:16:54	Marquette	Serology	1367	20495
2021/05/19 13:16:54	Marquette	Total	132955	1993358
2021/05/19 13:16:54	Mason	Diagnostic	34106	1170258
2021/05/19 13:16:54	Mason	Serology	1050	36028
2021/05/19 13:16:54	Mason	Total	35156	1206286
2021/05/19 13:16:54	Mecosta	Diagnostic	40624	934895
2021/05/19 13:16:54	Mecosta	Serology	1025	23589
2021/05/19 13:16:54	Mecosta	Total	41649	958484
2021/05/19 13:16:54	Menominee	Diagnostic	25239	1107946
2021/05/19 13:16:54	Menominee	Serology	155	6804
2021/05/19 13:16:54	Menominee	Total	25394	1114750
2021/05/19 13:16:54	Midland	Serology	7606	91467
2021/05/19 13:16:54	Midland	Diagnostic	67672	813796
2021/05/19 13:16:54	Midland	Total	75278	905262
2021/05/19 13:16:54	Missaukee	Diagnostic	11008	728139
2021/05/19 13:16:54	Missaukee	Serology	664	43921
2021/05/19 13:16:54	Missaukee	Total	11672	772060
2021/05/19 13:16:54	Monroe	Diagnostic	160281	1064990
2021/05/19 13:16:54	Monroe	Serology	6107	40578
2021/05/19 13:16:54	Monroe	Total	166388	1105568
2021/05/19 13:16:54	Montcalm	Serology	2455	38427
2021/05/19 13:16:54	Montcalm	Diagnostic	79499	1244349
2021/05/19 13:16:54	Montcalm	Total	81954	1282776
2021/05/19 13:16:54	Montmorency	Serology	404	43310
2021/05/19 13:16:54	Montmorency	Diagnostic	8333	893332
2021/05/19 13:16:54	Montmorency	Total	8737	936642
2021/05/19 13:16:54	Muskegon	Serology	3764	21686
2021/05/19 13:16:54	Muskegon	Diagnostic	213197	1228334
2021/05/19 13:16:54	Muskegon	Total	216961	1250020
2021/05/19 13:16:54	Newaygo	Diagnostic	46238	944018
2021/05/19 13:16:54	Newaygo	Serology	1747	35668
2021/05/19 13:16:54	Newaygo	Total	47985	979686
2021/05/19 13:16:54	Oakland	Serology	117387	93343
2021/05/19 13:16:54	Oakland	Diagnostic	1437167	1142800
2021/05/19 13:16:54	Oakland	Total	1554554	1236143
2021/05/19 13:16:54	Oceana	Serology	904	34156
2021/05/19 13:16:54	Oceana	Diagnostic	35970	1359051

2021/05/19 13:16:54	Oceana	Total	36874	1393207
2021/05/19 13:16:54	Ogemaw	Diagnostic	19165	912749
2021/05/19 13:16:54	Ogemaw	Serology	596	28385
2021/05/19 13:16:54	Ogemaw	Total	19761	941134
2021/05/19 13:16:54	Ontonagon	Diagnostic	7630	1333916
2021/05/19 13:16:54	Ontonagon	Serology	72	12587
2021/05/19 13:16:54	Ontonagon	Total	7702	1346503
2021/05/19 13:16:54	Osceola	Diagnostic	25334	1079881
2021/05/19 13:16:54	Osceola	Serology	1029	43862
2021/05/19 13:16:54	Osceola	Total	26363	1123743
2021/05/19 13:16:54	Oscoda	Diagnostic	5636	683898
2021/05/19 13:16:54	Oscoda	Serology	385	46718
2021/05/19 13:16:54	Oscoda	Total	6021	730615
2021/05/19 13:16:54	Otsego	Diagnostic	22686	919653
2021/05/19 13:16:54	Otsego	Serology	981	39768
2021/05/19 13:16:54	Otsego	Total	23667	959421
2021/05/19 13:16:54	Ottawa	Serology	14875	50971
2021/05/19 13:16:54	Ottawa	Diagnostic	385066	1319487
2021/05/19 13:16:54	Ottawa	Total	399941	1370459
2021/05/19 13:16:54	Presque Isle	Diagnostic	10919	867138
2021/05/19 13:16:54	Presque Isle	Serology	559	44393
2021/05/19 13:16:54	Presque Isle	Total	11478	911531
2021/05/19 13:16:54	Roscommon	Diagnostic	19893	828219
2021/05/19 13:16:54	Roscommon	Serology	721	30018
2021/05/19 13:16:54	Roscommon	Total	20614	858237
2021/05/19 13:16:54	Saginaw	Serology	9694	50877
2021/05/19 13:16:54	Saginaw	Diagnostic	252477	1325067
2021/05/19 13:16:54	Saginaw	Total	262171	1375944
2021/05/19 13:16:54	Sanilac	Diagnostic	51401	1248506
2021/05/19 13:16:54	Sanilac	Serology	1455	35341
2021/05/19 13:16:54	Sanilac	Total	52856	1283847
2021/05/19 13:16:54	Schoolcraft	Diagnostic	6328	781814
2021/05/19 13:16:54	Schoolcraft	Serology	65	8031
2021/05/19 13:16:54	Schoolcraft	Total	6393	789844
2021/05/19 13:16:54	Shiawassee	Diagnostic	71082	1043451
2021/05/19 13:16:54	Shiawassee	Serology	2633	38651
2021/05/19 13:16:54	Shiawassee	Total	73715	1082103
2021/05/19 13:16:54	St Clair	Diagnostic	150066	943052
2021/05/19 13:16:54	St Clair	Serology	8507	53460
2021/05/19 13:16:54	St Clair	Total	158573	996512
2021/05/19 13:16:54	St Joseph	Diagnostic	57924	950135
2021/05/19 13:16:54	St Joseph	Serology	1665	27311
2021/05/19 13:16:54	St Joseph	Total	59589	977446
2021/05/19 13:16:54	Tuscola	Diagnostic	62940	1204709
2021/05/19 13:16:54	Tuscola	Serology	2257	43200
2021/05/19 13:16:54	Tuscola	Total	65197	1247909
2021/05/19 13:16:54	Unknown	Serology	26793	
2021/05/19 13:16:54	Unknown	Diagnostic	560877	
2021/05/19 13:16:54	Unknown	Total	587670	
2021/05/19 13:16:54	Van Buren	Diagnostic	96324	1272831

2021/05/19 13:16:54	Van Buren	Serology	1775	23455
2021/05/19 13:16:54	Van Buren	Total	98099	1296286
2021/05/19 13:16:54	Washtenaw	Diagnostic	747147	2032494
2021/05/19 13:16:54	Washtenaw	Serology	18002	48972
2021/05/19 13:16:54	Washtenaw	Total	765149	2081466
2021/05/19 13:16:54	Wayne	Serology	78083	70739
2021/05/19 13:16:54	Wayne	Diagnostic	1432811	1298057
2021/05/19 13:16:54	Wayne	Total	1510894	1368796
2021/05/19 13:16:54	Wexford	Diagnostic	30922	919449
2021/05/19 13:16:54	Wexford	Serology	1308	38893
2021/05/19 13:16:54	Wexford	Total	32230	958342

# PUBLIC USE DATASETS

## Diagnostic Tests by Result and County

### README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

**DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-05-19**

MessageDate	COUNTY	Negative	Positive	Total
5/18/2021	Alcona	16	2	18
5/18/2021	Alger	6	0	6
5/18/2021	Allegan	177	15	192
5/18/2021	Alpena	65	9	74
5/18/2021	Antrim	36	5	41
5/18/2021	Arenac	47	9	56
5/18/2021	Baraga	9	0	9
5/18/2021	Barry	103	3	106
5/18/2021	Bay	205	25	230
5/18/2021	Benzie	42	1	43
5/18/2021	Berrien	529	35	564
5/18/2021	Branch	105	7	112
5/18/2021	Calhoun	517	20	537
5/18/2021	Cass	61	6	67
5/18/2021	Charlevoix	28	0	28
5/18/2021	Cheboygan	37	0	37
5/18/2021	Chippewa	33	0	33
5/18/2021	Clare	83	4	87
5/18/2021	Clinton	126	9	135
5/18/2021	Correctional	1739	3	1742
5/18/2021	Crawford	22	2	24
5/18/2021	Delta	67	5	72
5/18/2021	Detroit City	1501	116	1617
5/18/2021	Dickinson	33	3	36
5/18/2021	Eaton	308	23	331
5/18/2021	Emmet	43	6	49
5/18/2021	Genesee	733	56	789
5/18/2021	Gladwin	47	3	50
5/18/2021	Gogebic	28	1	29
5/18/2021	Grand Traverse	196	8	204
5/18/2021	Gratiot	131	8	139
5/18/2021	Hillsdale	77	7	84
5/18/2021	Houghton	29	0	29
5/18/2021	Huron	45	3	48
5/18/2021	Ingham	612	50	662
5/18/2021	Ionia	158	36	194
5/18/2021	Iosco	67	10	77
5/18/2021	Iron	28	4	32
5/18/2021	Isabella	112	10	122
5/18/2021	Jackson	598	35	633
5/18/2021	Kalamazoo	539	38	577
5/18/2021	Kalkaska	50	3	53
5/18/2021	Kent	1740	159	1899
5/18/2021	Keweenaw	1	0	1
5/18/2021	Lake	23	5	28
5/18/2021	Lapeer	138	32	170
5/18/2021	Leelanau	44	1	45

5/18/2021	Lenawee	172	8	180
5/18/2021	Livingston	412	21	433
5/18/2021	Luce	6	1	7
5/18/2021	Mackinac	11	3	14
5/18/2021	Macomb	1817	144	1961
5/18/2021	Manistee	61	0	61
5/18/2021	Marquette	128	1	129
5/18/2021	Mason	58	6	64
5/18/2021	Mecosta	84	7	91
5/18/2021	Menominee	50	0	50
5/18/2021	Midland	173	17	190
5/18/2021	Missaukee	27	4	31
5/18/2021	Monroe	271	9	280
5/18/2021	Montcalm	188	35	223
5/18/2021	Montmorency	27	2	29
5/18/2021	Muskegon	516	70	586
5/18/2021	Newaygo	103	18	121
5/18/2021	Oakland	3100	141	3241
5/18/2021	Oceana	64	4	68
5/18/2021	Ogemaw	54	4	58
5/18/2021	Ontonagon	5	1	6
5/18/2021	Osceola	58	14	72
5/18/2021	Oscoda	9	4	13
5/18/2021	Otsego	45	3	48
5/18/2021	Ottawa	733	58	791
5/18/2021	Presque Isle	21	1	22
5/18/2021	Roscommon	56	3	59
5/18/2021	Saginaw	470	45	515
5/18/2021	Sanilac	62	4	66
5/18/2021	Schoolcraft	2	0	2
5/18/2021	Shiawassee	149	8	157
5/18/2021	St Clair	419	27	446
5/18/2021	St Joseph	68	11	79
5/18/2021	Tuscola	88	6	94
5/18/2021	Unknown	596	36	632
5/18/2021	Van Buren	155	10	165
5/18/2021	Washtenaw	1013	34	1047
5/18/2021	Wayne	3102	155	3257
5/18/2021	Wexford	85	3	88